

1 **WHAT IS CLAIMED IS:**

2 1. A dual connection mobile phone charger adapted for use with a cigarette
3 lighter socket of a vehicle and a mains electrical outlet in a building, wherein the charger
4 comprises: a housing for connection with the main electrical outlet and a plug
5 removably received in the housing for electrical connection with the cigarette lighter
6 socket, the housing having:

7 a space defined in the housing to snugly yet securely receive therein the
8 cigarette lighter;

9 a positioning cutout defined in a distal end of the housing and having first
10 contacting plates formed on a bottom face defining the positioning cutout;

11 a printed circuit board securely received in a bottom face defining the space; and

12 second contacting plates extending out of a side wall of the housing and
13 engaging with the printed circuit board for connection with a wall outlet;

14 the plug having:

15 a contacting point formed on a first distal end of the plug for connection with a
16 power source;

17 a locating cutout oppositely defined relative to the contacting point; and

18 third contacting plates formed on a bottom face defining the locating cutout,

19 whereby a charging wire for charging a mobile phone has a block formed on a
20 free end of the charging wire to respectively correspond to and slidably received in the
21 positioning cutout and the locating cutout and having contacting plates formed on a side
22 face of the block to correspond to the first contacting plates and the third contacting
23 plates such that either the plug or the housing is able to charge the mobile phone and
24 afterward, the plug is able to be received in the space for storage.

25 2. The combination of dual mobile phone chargers as claimed in claim 1,

- 1 wherein an arcuate projection is formed on a bottom face defining the space and an
- 2 arcuate recess is defined in a bottom face of the cigarette lighter to correspond to and
- 3 receive therein the arcuate projection when the plug is received in the space.